

CLAIMS

Having described my invention, I claim:

1. A tree stand which a user can attach to a tree, comprising:
 - a. a foot platform, including
 - i. a foot platform frame;
 - ii. a foot rest, pivotally attached to said foot platform frame so that said foot rest can be adjusted in pitch with respect to said foot platform frame;
 - iii. a first adjusting means for fixing said foot rest in a desired pitch with respect to said foot platform frame;
 - b. a seat platform, including
 - i. a seat platform frame;
 - ii. a seat, pivotally attached to said seat platform frame so that said seat can be adjusted in pitch with respect to said seat platform frame; and
 - iii. a second adjusting means for fixing said seat in a desired pitch with respect to said seat platform frame.

2. A tree stand as recited in claim 1, wherein said seat platform further comprises:
 - a. a first climbing arm telescopically attached to said seat platform frame;
 - b. a second climbing arm telescopically attached to said seat platform frame;
 - c. wherein said first and second climbing arms can be extended from said seat platform frame so that said user can grasp said first and second climbing arms while moving said foot platform and said seat platform up or down said tree; and
 - d. wherein said first and second climbing arms can be stowed within said seat platform frame when not in use.
3. A tree stand as recited in claim 1, wherein said seat further comprises a yaw pivot attaching said seat to said seat platform frame, so that said user can freely rotate said seat about the yaw axis.
4. A tree stand as recited in claim 1, wherein said first adjusting means comprises:
 - a. an adjustment plate with a plurality of adjustment holes corresponding to different pitch settings for said foot rest; and
 - b. a locking pin sized to fit within each of said plurality of adjustment holes to lock said foot rest at a selected pitch.

5. A tree stand as recited in claim 1, wherein said second adjustment means comprises:
 - a. a swivel block extending downward from said seat;
 - b. a threaded pitch rod, having a first end and a second end, wherein said first end is pivotally attached to said seat platform frame and wherein said second end is threadedly attached to said swivel block;
 - c. a pitch wheel attached to said threaded pitch rod, so that said user can grasp and turn said pitch wheel in order to turn said pitch rod.
6. A tree stand as recited in claim 1, wherein:
 - a. said foot platform frame includes a first arc positioned to face said tree;
 - b. said first arc includes a first serrated plate positioned to frictionally engage said tree;
 - c. said seat platform frame includes a second arc positioned to face said tree; and
 - d. said second arc includes a second serrated plate positioned to frictionally engage said tree.
7. A tree stand as recited in claim 1, wherein said foot platform further comprises:
 - a. a first cable guide, pivotally connected to said foot platform frame proximate said tree;
 - b. a second cable guide, pivotally connected to said foot platform frame proximate said tree; and
 - c. a first cable passing through said first and second cable guides, passing around said tree, and attaching to said foot platform frame.

8. A tree stand as recited in claim 1, wherein said seat platform further comprises:
 - a. a third cable guide, pivotally connected to said foot platform frame proximate said tree;
 - b. a fourth cable guide, pivotally connected to said foot platform frame proximate said tree; and
 - c. a second cable passing through said third and fourth cable guides, passing around said tree, and attaching to said seat platform frame.
9. A tree stand as recited in claim 2, wherein said seat further comprises a yaw pivot attaching said seat to said seat platform frame, so that said user can freely rotate said seat about the yaw axis.
10. A tree stand as recited in claim 4, wherein said seat further comprises a yaw pivot attaching said seat to said seat platform frame, so that said user can freely rotate said seat about the yaw axis.
11. A tree stand as recited in claim 5, wherein said seat further comprises a yaw pivot attaching said seat to said seat platform frame, so that said user can freely rotate said seat about the yaw axis.

12. A tree stand as recited in claim 6, wherein said seat further comprises a yaw pivot attaching said seat to said seat platform frame, so that said user can freely rotate said seat about the yaw axis.
13. A tree stand as recited in claim 7, wherein said seat further comprises a yaw pivot attaching said seat to said seat platform frame, so that said user can freely rotate said seat about the yaw axis.
14. A tree stand as recited in claim 8, wherein said seat further comprises a yaw pivot attaching said seat to said seat platform frame, so that said user can freely rotate said seat about the yaw axis.
15. A tree stand as recited in claim 2, wherein said first adjusting means comprises:
 - a. an adjustment plate with a plurality of adjustment holes corresponding to different pitch settings for said foot rest; and
 - b. a locking pin sized to fit within each of said plurality of adjustment holes to lock said foot rest at a selected pitch.

16. A tree stand as recited in claim 2, wherein said second adjustment means comprises:
 - a. a swivel block extending downward from said seat;
 - b. a threaded pitch rod, having a first end and a second end, wherein said first end is pivotally attached to said seat platform frame and wherein said second end is threadedly attached to said swivel block;
 - c. a pitch wheel attached to said threaded pitch rod, so that said user can grasp and turn said pitch wheel in order to turn said pitch rod.
17. A tree stand as recited in claim 3, wherein said first adjusting means comprises:
 - a. an adjustment plate with a plurality of adjustment holes corresponding to different pitch settings for said foot rest; and
 - b. a locking pin sized to fit within each of said plurality of adjustment holes to lock said foot rest at a selected pitch.
18. A tree stand as recited in claim 3, wherein said second adjustment means comprises:
 - a. a swivel block extending downward from said seat;
 - b. a threaded pitch rod, having a first end and a second end, wherein said first end is pivotally attached to said seat platform frame and wherein said second end is threadedly attached to said swivel block;
 - c. a pitch wheel attached to said threaded pitch rod, so that said user can grasp and turn said pitch wheel in order to turn said pitch rod.

19. A tree stand as recited in claim 6, wherein said first adjusting means comprises:
 - a. an adjustment plate with a plurality of adjustment holes corresponding to different pitch settings for said foot rest; and
 - b. a locking pin sized to fit within each of said plurality of adjustment holes to lock said foot rest at a selected pitch.

20. A tree stand as recited in claim 6, wherein said second adjustment means comprises:
 - a. a swivel block extending downward from said seat;
 - b. a threaded pitch rod, having a first end and a second end, wherein said first end is pivotally attached to said seat platform frame and wherein said second end is threadedly attached to said swivel block;
 - c. a pitch wheel attached to said threaded pitch rod, so that said user can grasp and turn said pitch wheel in order to turn said pitch rod.